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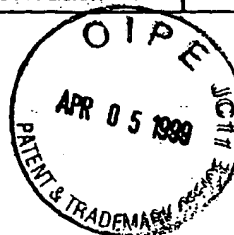
Address: COMMISSIONER OF PATENTS AND TRADEMARK  
Washington, D.C. 20231

| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NO./TITLE |
|--------------------|---------------------|-----------------------|---------------------------|
|--------------------|---------------------|-----------------------|---------------------------|

602100,497 09/16/98 GREEN

0252/0201

DOUGLAS W SWARTZ  
SHERIDAN ROSS  
1700 LINCOLN STREET  
SUITE 3500  
DENVER CO 80205



DATE MAILED:

02/01/99

**NOTICE TO FILE MISSING PARTS OF PROVISIONAL APPLICATION**

*Filed Under 37 CFR 1.53 (c)*

*Filing Date Granted*

An Application Number and Filing Date have been assigned to this Provisional Application. The items indicated below, however, are missing. Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of Items 1 or 2 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(l) of ☐ \$25.00 for a small entity in compliance with 37 CFR 1.27, or ☒ \$50.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set below, the total amount owed by applicant as a ☐ small entity (statement filed) ☒ non-small entity is \$ 200.

☒ 1. The statutory provisional application filing fee is:

- ☒ missing.  
☐ insufficient.

Applicant must submit \$ 150 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27). \*

☐ 2. The provisional application cover sheet under 37 CFR 1.151(c)(1) is required identifying:

- ☐ either the city and state or city and foreign country of the residence of each inventor.  
☐ the title of the invention.

☐ 3. The application was filed in a language other than English.

Applicant must file a verified English translation of the application, the \$130.00 set forth in 37 CFR 1.17(k), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).

☐ 4. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21 (m)).

☐ 5. Your filing receipt was mailed in error because your check was returned without payment.

☐ 6. The drawings contained in the application cannot be scanned or properly stored because they

- ☐ do not comply with the size requirements (8-1/2 by 11 inches or 21.0 by 29.7 cm).  
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*M. Swartz*  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

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75.00 DP  
25.00 DP

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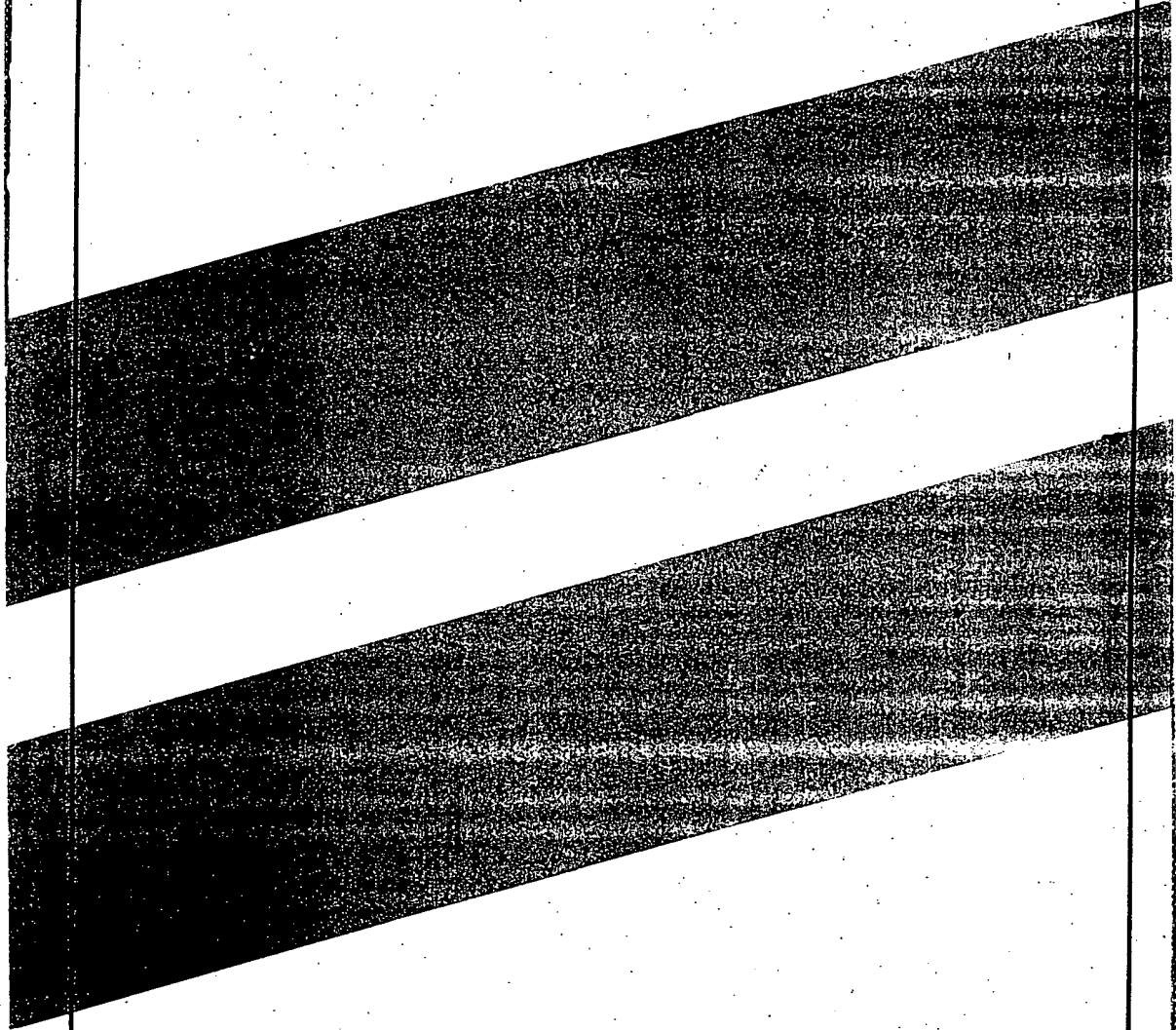


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|-------|----------|----------------------|
|       |          |                      |
| Class | Subclass | ISSUE CLASSIFICATION |
|       |          | SC/NNL D7            |



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PROVISIONAL  
APPLICATION  
NUMBER



Form RTO 4625  
(Rev. 11/96)  
QC AN 96 bnal 4 DWD

(FACE)

PATENT APPLICATION



60100497

CONTENTS

Date  
Received  
or  
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Application \_\_\_\_\_ papers.

2. *Letter to*

3. *For a description of the*

4. *Drawings of the invention*

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| POSITION    | ID NO. | DATE    |
|-------------|--------|---------|
| CLASSIFIER  |        |         |
| EXAMINER    | 66548  | 11/5/79 |
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| VERIFIER    |        |         |
| CORPS CORR. |        |         |
| SPEC. HAND  | 66548  | 9/2/79  |
| FILE MAINT  |        |         |
| DRAFTING    |        |         |

|  |                         |       |                        |                                     |
|--|-------------------------|-------|------------------------|-------------------------------------|
| SERIAL NUMBER<br>60/100,497<br>PROVISIONAL | FILING DATE<br>09/16/98 | CLASS | GROUP ART UNIT<br>0000 | ATTORNEY DOCKET NO.<br>3376-21PROV3 |
|--|-------------------------|-------|------------------------|-------------------------------------|

|           |   |
|-----------|---|
| APPLICANT | DENNIS H. GREEN, ARVADA, CO; JEFF MUELLER, BOULDER, CO.     |
|           | <b>**CONTINUING DOMESTIC DATA*****</b><br>VERIFIED<br>_____ |
|           | <b>**371 (NAT'L STAGE) DATA*****</b><br>VERIFIED<br>_____   |
|           | <b>**FOREIGN APPLICATIONS*****</b><br>VERIFIED<br>_____     |

IF REQUIRED, FOREIGN FILING LICENSE GRANTED 12/31/98 \*\* SMALL ENTITY \*\*

|   |   |                        |                     |              |                    |
|---|---|------------------------|---------------------|--------------|--------------------|
| Foreign Priority claimed<br>35 USC 119 (a-d) conditions met           | <input type="checkbox"/> yes <input type="checkbox"/> no<br><input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance | STATE OR COUNTRY<br>CO | SHEETS DRAWING<br>2 | TOTAL CLAIMS | INDEPENDENT CLAIMS |
| Verified and Acknowledged<br>Examiner's Initials _____ Initials _____ |   |                        |                     |              |                    |

|         |   |
|---------|---|
| ADDRESS | DOUGLAS W SWARTZ<br>SHERIDAN ROSS<br>1700 LINCOLN STREET<br>SUITE 3500<br>DENVER CO 80203 |
|         |   |

|       |   |
|-------|---|
| TITLE | METHOD OF REMOVING ORGANIC LIXIVANT FROM COPPER SX-EW ELECTROLYTE<br>STREAM |
|       |   |

|                                  |   |   |
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7210 \$



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of: )

GREEN ET AL )

Serial No.: 60/100,497 )

Filed: September 16, 1998 )

Atty. File No.: 3376-21PROV3 )

For: "METHOD OF REMOVING ORGANIC )  
LIXIVIAN FROM COPPER )  
SX-EW ELECTROLYTE STREAM" )

SUBMISSION OF MISSING  
PARTS

CERTIFICATE OF MAILING

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SHERIDAN ROSS P.C.

BY: *Christine Jacquet*

Assistant Commissioner For Patents  
Box Missing Parts  
Washington, D.C. 20231

Dear Sir:

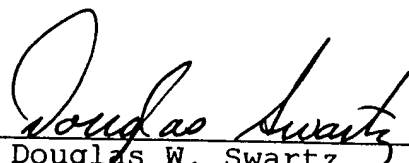
In response to the Notice to File Missing Parts dated February 1, 1999, in connection with the above-identified application, enclosed herewith please find a Verified Statement (Declaration) Claiming Small Entity Status. Please note that the Assignment documents have been submitted to the Assignment Branch under separate cover on this same date.

Also enclosed please find a check for \$100.00 which includes payment of the filing fee in the amount of \$75.00 reflecting small entity status, and the amount of \$25.00 payment of the surcharge. Please credit any overpayment or debit any underpayment to Deposit Account No. 19-1970. A copy of the Notice to File Missing Parts is also enclosed.

Please address all future correspondence to the undersigned attorney at the address below.

Respectfully submitted,

SHERIDAN ROSS P.C.

By:   
Douglas W. Swartz  
Registration No. 37,739  
1700 Lincoln Street, Suite 3500  
Denver, Colorado 80203  
(303) 863-9700

Date: March 31, 1999





Address: COMMISSIONER OF PATENTS AND TRADEMARK  
Washington, D.C. 20231

| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NO./TITLE |
|--------------------|---------------------|-----------------------|---------------------------|
| 60/100,149         | 09/16/98            | GRIEN                 |                           |

DOUGLAS M. GRIEN  
SHERIDAN ROSS  
1700 LINDEN STREET  
SUITE 3500  
DENVER CO 80202

DATE MAILED:

**NOTICE TO FILE MISSING PARTS OF PROVISIONAL APPLICATION**  
**Filed Under 37 CFR 1.53 (c)**  
**Filing Date Granted**

An Application Number and Filing Date have been assigned to this Provisional Application. The items indicated below, however, are missing. Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of Items 1 or 2 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(l) of ☐ \$25.00 for a small entity in compliance with 37 CFR 1.27, or ☒ \$50.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

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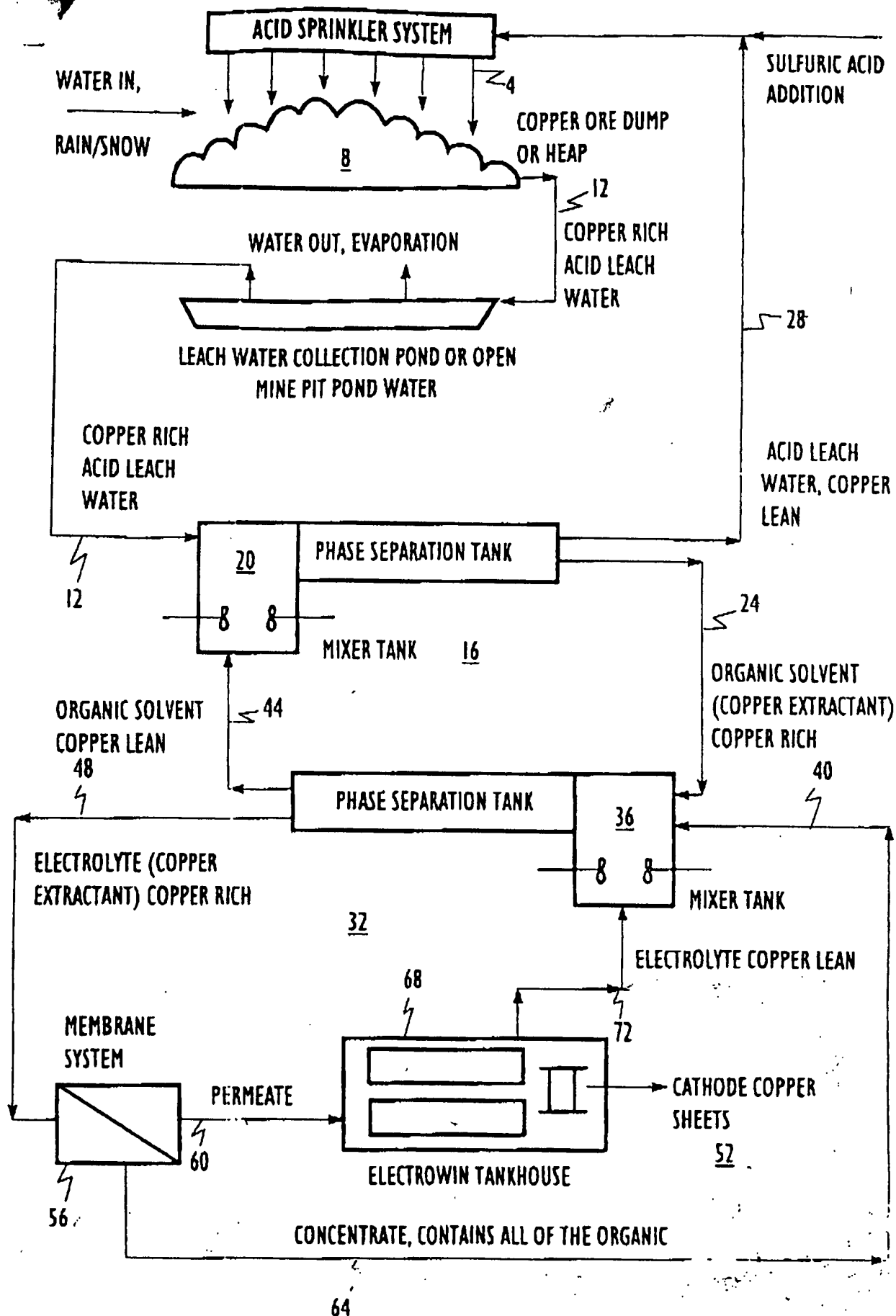


FIG. 1

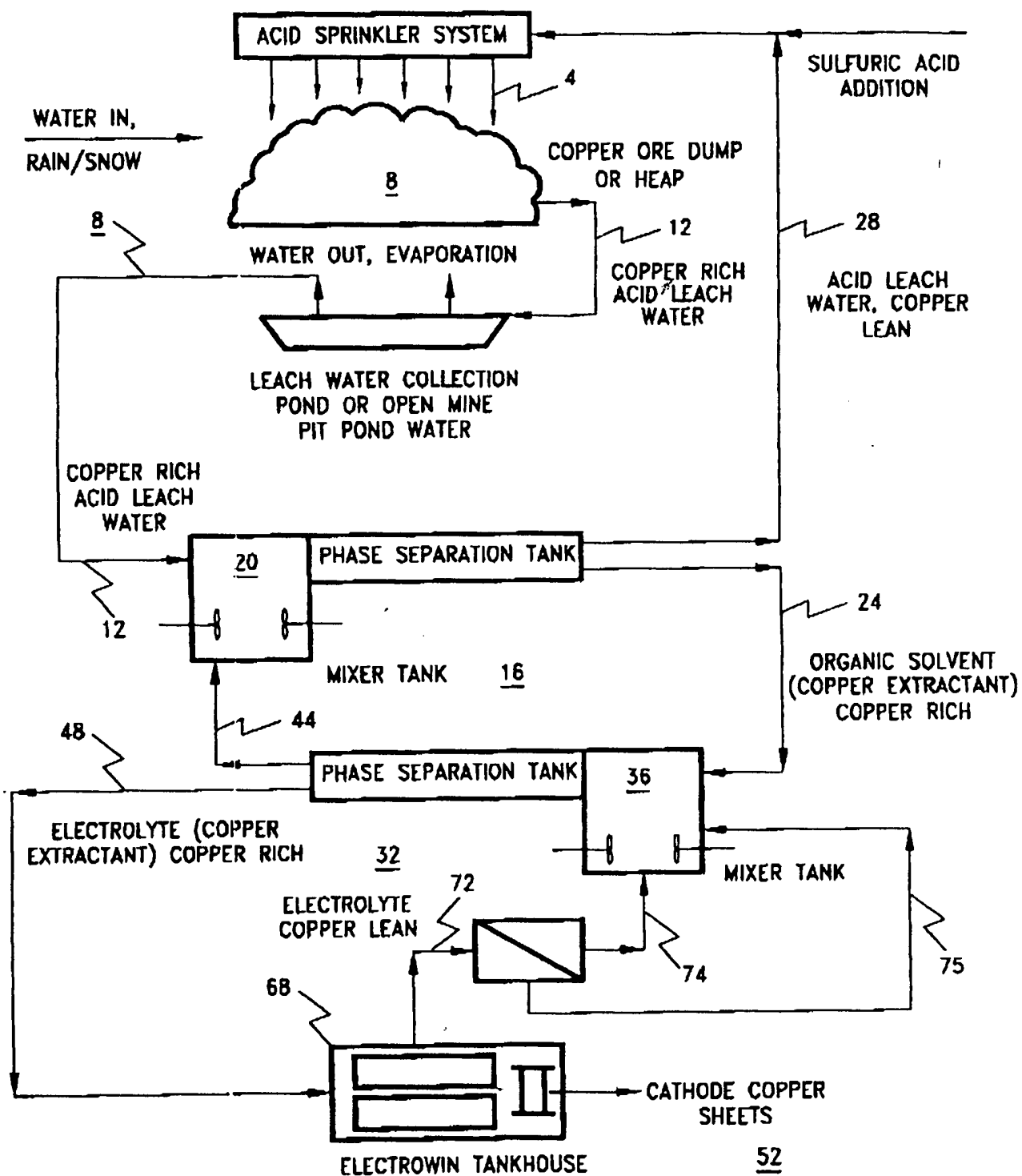


FIGURE 2

PATENT APPLICATION SERIAL NO. \_\_\_\_\_

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
FEE RECORD SHEET

~~10/1/84 ALBORDEN 00000010 0000450~~  
~~01/04~~ ~~(7.0)~~

# PROVISIONAL APPLICATION COVER SHEET

This is a request for filing a PROVISIONAL APPLICATION FOR PATENT under 37 CFR 1.53(c)(2).

|               |              |  |
|---------------|--------------|--|
| Docket Number | 3376-21PROV3 | Type a plus sign (+) inside this box - |
|---------------|--------------|--|

## INVENTOR(s)/APPLICANT(s)

| LAST NAME | FIRST NAME | MIDDLE INITIAL | RESIDENCE (CITY AND EITHER STATE OR FOREIGN COUNTRY) |
|-----------|------------|----------------|--|
| Mueller   | Dennis     | H.             | 9455 West 68th Avenue<br>Arvada, Colorado 80004      |
|           | Jeff       |                | 3462 Cripple Creek Square<br>Boulder, Colorado 80303 |

## TITLE OF THE INVENTION (280 characters max)

"METHOD OF REMOVING ORGANIC LIXIVANT FROM COPPER SX-EW ELECTROLYTE STREAM"

## CORRESPONDENCE ADDRESS

Douglas W. Swartz, Esq.  
Sheridan Ross P.C.  
1700 Lincoln Street, Suite 3500  
Denver

|       |          |          |       |         |                          |
|-------|----------|----------|-------|---------|--------------------------|
| STATE | Colorado | ZIP CODE | 80203 | COUNTRY | United States of America |
|-------|----------|----------|-------|---------|--------------------------|

## ENCLOSED APPLICATION PARTS (check all that apply)

|                                     |               |                  |    |  |                        |
|-------------------------------------|---------------|------------------|----|--|------------------------|
| <input checked="" type="checkbox"/> | Specification | Number of Pages  | 16 |  | Small Entity Statement |
| <input checked="" type="checkbox"/> | Drawing(s)    | Number of Sheets | 2  |  | Other (specify)        |

## METHOD OF PAYMENT (check all that apply)

|  |         |                                    |          |
|--|---------|------------------------------------|----------|
| A check or money order is enclosed to cover the filing fees                                    |         | PROVISIONAL FILING FEE AMOUNT (\$) | \$150.00 |
| The Commissioner is hereby authorized to charge filing fees and credit Deposit Account Number: | 19-1970 |                                    |          |

The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.

- ☒ No.
- ☐ Yes, the name of the U.S. Government agency and the Government contract number are: \_\_\_\_\_

Douglas W. Swartz

Douglas W. Swartz  
Registration No. 37,739  
SHERIDAN ROSS P.C.  
1700 Lincoln Street, Suite 3500  
Denver, Colorado 80203-4501  
Phone: (303) 863-9700  
Fax: (303) 863-0223

Date: Sept 16, 1998

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TYPED OR PRINTED NAME: JENNIE R. HAMEL  
SIGNATURE: Jennie R. Hamel